

METHOD AND DEVICE FOR EXECUTING NETWORK-CENTRIC PROGRAM CODE WITH REDUCED MEMORY

Abstract of the Disclosure

5 A virtual machine instruction processor couples a small, localized embedded
processor with a primitive state machine, which acts as a boot/interface function. The
seed processor also includes a local random access memory (RAM) for buffering of data
and execution and a read only memory (ROM) for storing the TCP/IP stack. The seed
processor is connected to a remote virtual machine through communication controllers
over a network such that the virtual machine is not co-located with the virtual machine
10 instruction processor. The virtual machine instruction processor executes software local
to the instruction processor without a co-located virtual machine.

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